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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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EXT1 Pre-design Chimera RNAi

Catalog # : H00002131-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Homo sapiens exostoses (multiple) 1 (EXT1), mRNA.

Description:

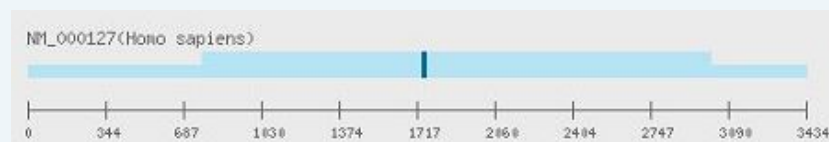
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_000127

Storage Instruction: Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure product integrity.

Note: Position of the Chimera RNAi.



Application Image

RNAi Knockdown

Publication Reference

- [dsCheck: highly sensitive off-target search software for double-stranded RNA-mediated RNA interference.](#)
Naito Y, Yamada T, Matsumiya T, Ui-Tei K, Saigo K, Morishita S. *Nucleic Acids Res.* 2005 Jul 1;33(Web Server issue):W589-91.
- [Functional dissection of siRNA sequence by systematic DNA substitution: modified siRNA with a DNA seed arm is a powerful tool for mammalian gene silencing with significantly reduced off-target effect.](#)
Ui-Tei K, Naito Y, Zenno S, Nishi K, Yamato K, Takahashi F, Juni A, Saigo K. *Nucleic Acids Res.* 2008 Apr;36(7):2136-51. Epub 2008 Feb 11.
- [Guidelines for the selection of highly effective siRNA sequences for mammalian and chick RNA interference.](#)
Ui-Tei K, Naito Y, Takahashi F, Haraguchi T, Ohki-Hamazaki H, Juni A, Ueda R, Saigo K. *Nucleic Acids Res.* 2004 Feb 9;32(3):936-48. Print 2004.
- [siDirect: highly effective, target-specific siRNA design software for mammalian RNA interference.](#)
Naito Y, Yamada T, Ui-Tei K, Morishita S, Saigo K. *Nucleic Acids Res.* 2004 Jul 1;32(Web Server issue):W124-9.

Applications

RNAi Knockdown

Gene Information

Entrez GeneID: [2131](#)

Gene Name: EXT1

Gene Alias: EXT, LGCR, LGS, TRPS2, ttv

Gene exostosin 1

Description:

Omim ID: [133700](#), [215300](#), [608177](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes an endoplasmic reticulum-resident type II transmembrane glycosyltransferase involved in the chain elongation step of heparan sulfate biosynthesis. Mutations in this gene cause the type I form of multiple exostoses. [provided by RefSeq]

Other Designations: Langer-Giedion syndrome chromosome region, N-acetylglucosaminyl-proteoglycan 4-beta-glucuronosyltransferase, OTTHUMP00000066043, exostosin 1, glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase

Gene Pathway

[Heparan sulfate biosynthesis](#) [Metabolic pathways](#)

Related Disease

[Exostoses, Multiple Hereditary](#) [Genetic Predisposition to Disease](#) [Growth Disorders](#)

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